

# Service Update

## 50210 Antilock Brake System Missing DTCs



**Reference Number:** N162050210  
**GWM Number:** 2050210

**Release Date:** July 2016  
**Revision:** 00

**Attention:** This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Make	Model	Model Year		RPO	Description
		From	To		
Cadillac	XT5	2017	2017		
GMC	Acadia				

Involved vehicles are marked "open" on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

<b>Condition</b>	This bulletin provides a service procedure to update software for the electronic brake control module (EBCM) on certain 2017 model year Cadillac XT5 and GMC Acadia vehicles. These vehicles may have a condition where the EBCM does not notify the driver through an ABS or Electronic Stability Control (ESC) telltale or set the appropriate diagnostic trouble codes (DTC) if an open flyback diode condition, or a shorted dump transistor condition, is detected. ABS isolation functionality is disabled by the EBCM on affected wheel(s), and a shorted dump transistor will disable dump control, without notification to the driver.
<b>Correction</b>	Reprogram the electronic brake control module (EBCM).

### Parts

No parts are required for this procedure.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9102359	Electronic Brake Control Module Reprogramming with SPS	0.3	ZFAT	N/A

# Service Update

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### Service Procedure

**Note:** Carefully read and follow the instructions below.

- Do NOT attempt to order the calibration number from GM Customer Care and Aftersales. The calibration numbers required for this service procedure are programmed into control modules via a Multiple Diagnostic Interface (MDI) with the calibration update. If you cannot access the calibration, call the Techline Customer Support Center and it will be provided.
  - Do NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.
  - Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
  - Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. When required, install the *EL-49642* SPS Programming Support Tool to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.
  - Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
  - During the programming procedure, follow the SPS prompts for the correct ignition switch position.
  - Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.
1. Install *EL-49642* SPS Programming Support Tool.
  2. Access the Service Programming System (SPS) and follow the on-screen instructions.
  3. On the SPS Supported Controllers screen, select K17 Electronic Brake Control Module - Programming and follow the on-screen instructions.
  4. On the SPS Supported Controllers screen, select K17 Electronic Brake Control Module - Configuration and Setup while following the on-screen instructions.
  5. At the end of programming, choose the "Clear All DTCs" function on the SPS screen.

### Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory, or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repaired per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the tools, equipment, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your dealer for information on whether your vehicle may benefit from the information.



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DCS4104  
URGENT - DISTRIBUTE IMMEDIATELY

Date: July 5, 2016

Subject: 50210 - Service Update  
Antilock Brake System Missing DTCs

Models: 2017 Cadillac XT5  
2017 GMC Acadia

To: All Cadillac and GMC Dealers

General Motors is releasing Service Update 50210 today. The total number of U.S. vehicles involved is approximately 21,753. Please see the attached bulletin for details.

**Global Warranty Management (GWM)**

The Investigate Vehicle History (IVH) screen in the GWM system will be updated July 6, 2016. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until the VIN appears in IVH.

END OF MESSAGE  
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